

# Chemistry Quiz

## SPARK a Reaction

**Write the letter of the correct match next to each term.**

- |  |                                       |
|--|---------------------------------------|
| 1. Ag (an element) ____  | A. (dissolving) seltzer tablet        |
| 2. A gas-liquid solution ____  | B. copper wire                        |
| 3. A malleable substance ____  | C. graphite (carbon)                  |
| 4. A substance with the volume of $1\text{ cm}^3$ ____                     | D. soda pop                           |
| 5. An acid ____  | E. baking soda                        |
| 6. Example of a chemical change ____                                       | F. sugar cube                         |
| 7. A heterogeneous mixture ____  | G. calcium                            |
| 8. A metal ____  | H. silicates (sand, quartz)           |
| 9. A mixture that can be separated by filtration ____                      | I. helium in a balloon                |
| 10. A pure compound that contains ionic bonds ____                         | J. Play-doh®                          |
| 11. An example of a physical change ____                                   | K. silver                             |
| 12. A homogenous mixture ____  | L. sand and water                     |
| 13. A polymer ____   | M. salt                               |
| 14. A base ____  | N. vinegar                            |
| 15. Immiscible liquids ____  | O. a piece of plastic                 |
| 16. An inert gas ____  | P. melting ice cube                   |
| 17. An alkaline earth metal ____   | Q. salt water (using reverse osmosis) |
| 18. A non-metal ____   | R. fruit cocktail in syrup            |
| 19. A mixture that can be separated by a method other than filtration ____ | S. brewed tea or coffee               |
| 20. A substance with tetrahedral geometry ____                             | T. oil and water                      |

**Your name and age:** \_\_\_\_\_